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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/274,935 Confirmation No. 9143
Applicant : Kathleen L. Covert et al
Filed : March 23, 1999
TC/A.U. : 1746
Examiner : Alexander Markoff
Docket No. : EN997064
Title : COPPER CLEANING COMPOSITIONS,
PROCESSES AND PRODUCTS DERIVED
THEREFROM
Customer No. : 41245

AFFIDAVIT UNDER 37 C.F.R. §1.132

Honorable Commissioner of Patents and Trademarks
Washington, DC 20231

S I R:

County of Tioga)
)
State of New York)

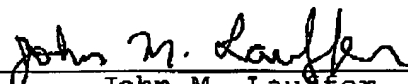
I, John M. Lauffer, depose and state:

Application no.: 09/274,935
Affidavit dated September 13, 2004

1. I am one of the applicants of the above-identified patent application and am a co-inventor with Kathleen L. Covert, deceased, and with Peter A. Moschak of the subject matter described and claimed therein.

2. I evaluated the chemical composition disclosed in the present invention and performed the steps of the process recited in the claims thereof on circuit boards that were populated with electrical components such as resistors, chips and the like. The micro-pitting and roughening of the copper exceeded my expectations. In fact, the process represented unexpected results: micropitting rather than smoothing.

AFFIANT FURTHER SAYETH NOT:



John M. Laufer

Docket No. EN997064

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